

November 18, 2002

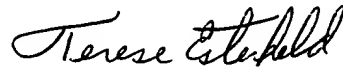
Dear Mr. King;

Attached, please find the results of your search request. I have concentrated on finding information on information older than August 6, 1999 on Sun KVM switch or any similar keyboard switch wo the ability to simultaneously shut down and start up.

I searched the Foreign Patent Files and the Non Patent Literature Files that are usually covered. Then I searched the complete DIALOG collection of files for Sun KVM and then KEEMUX to see if any literature was published before the required date.

It is recommended that you look over the search results. I have marked the items that I think are of value to you, but many of the unmarked topics may also be useful.

Please let me know if you need to have further search refinement.



Terese Esterheld  
(703) 308-7795  
4B30

---

Set	Items	Description
S1	10355	(SUN OR KVM OR SERVER? OR KEYBOARD? OR MOUSE OR BUTTON? OR FLIP?) (2W) SWITCH? ? OR SWITCHBOX? ? OR SWITCH()BOX? ?
S2	109606	TURN?()OFF OR TURNOFF OR SHUT?()DOWN OR SLEEP OR SILENT OR SHUT?()UP OR QUIET OR CLOSE()DOWN
S3	176887	TURN?()ON OR RE()BOOT OR REBOOT OR START()UP OR STARTUP OR BEGIN(2W)OPERATE OR GET()GOING
S4	1753276	SWITCHING OR CONTROLLING OR MONITORING OR TRIGGER? OR BROADCASTING OR SCAN? OR COMMAND?
S5	47226	(CONNECTED OR ATTACHED) (2N) (SERVER? ? OR PROCESSOR? ? OR HOST? ? OR NODE? ? OR WORKSTATION? ? OR WORK()STATION? ? OR COMPUTER? ?)
S6	175	S1 AND S2 AND S3
S7	23	S1 AND S4 AND S5
S8	0	S6 AND S5
S9	198	S6 OR S7
S10	27	S9 AND IC=G06F?
S11	1	S9 AND MC=T01-C02B1
S12	0	S11 NOT S10

File 347:JAPIO Oct 1976-2002/Jun(Updated 021004)

(c) 2002 JPO & JAPIO

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200272

(c) 2002 Thomson Derwent

10/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

07078838 \*\*Image available\*\*  
PERIPHERAL DEVICE

PUB. NO.: 2001-306484 [JP 2001306484 A]  
PUBLISHED: November 02, 2001 (20011102)  
INVENTOR(s): FUJISAKA TOSHIAKI  
APPLICANT(s): RICOH CO LTD  
APPL. NO.: 2000-127032 [JP 2000127032]  
FILED: April 27, 2000 (20000427)  
INTL CLASS: G06F-013/14 ; G06F-003/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a peripheral device which can surely turn on and off the terminal resistance and also can set an ID number in a short time.

SOLUTION: This peripheral device is connected to a computer via a bus and provided with a push button switch which inputs commands, a terminating resistance and a control part which connects the terminating resistance to the bus or opens the resistance in response to the command that is inputted from the push button switch.  
COPYRIGHT: (C)2001,JPO

10/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

06143828 \*\*Image available\*\*  
ONE-CHIP MICROCOMPUTER SYSTEM

PUB. NO.: 11-085368 [JP 11085368 A]  
PUBLISHED: March 30, 1999 (19990330)  
INVENTOR(s): NAKAI SHIZUO  
APPLICANT(s): SHARP CORP  
APPL. NO.: 09-241388 [JP 97241388]  
FILED: September 05, 1997 (19970905)  
INTL CLASS: G06F-003/023 ; H03M-011/20; G09G-003/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a one-chip microcomputer system capable of processing drive of a display in parallel with scanning of a keyboard switch.

SOLUTION: A digit signal P10 is turned on at time to 01 and a display pattern corresponding to the digit signal P10 is simultaneously outputted to ports P30 to P42. When time Tf passes from the time ta 01, a return signal from a keyboard switch 2 corresponding to the scanning signal P10 is read at timing Sa1. The digit signal P10 is turned off at time ta 02. All digit signals are turned off from the time ta 02 to time ta 03 and this period is blanking time of the display. A digit signal P11 is turned on at the time ta 03 and the return signal from the keyboard switch is read at timing Sa 2. After that, a digit signal P12 is similarly processed and the processing in one cycle is completed at time tall.

COPYRIGHT: (C)1999,JPO

10/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

05894355 \*\*Image available\*\*

POINTING SYSTEM AND RECORDING MEDIUM

PUB. NO.: 10-177455 [JP 10177455 A]  
PUBLISHED: June 30, 1998 (19980630)  
INVENTOR(s): NAKAZAWA MASAKI  
APPLICANT(s): N T T DATA TSUSHIN KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-278413 [JP 97278413]  
FILED: October 13, 1997 (19971013)  
INTL CLASS: [6] G06F-003/033  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD: R060 (MACHINERY -- Automatic Design); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

ABSTRACT

PROBLEM TO BE SOLVED: To improve the operability of a drag operation, and to easily and exactly operate a drag operation even in various situations.

SOLUTION: When a **button switch 1** is **turned on**, a timer counter 21 is started, and a flip flop 22 is reset by a differentiating circuit 23. When the setting time of the timer counter 21 passes, time-out is obtained, the flip flop 22 is set, and a gate signal is **turned on**. In this case, even when an input signal from the **button switch 1** is **turned off**, a drag state is held by a gate circuit 24. When the button is pressed again, the flip flop 22 is reset, and the timer counter 21 is started again. At that time, the **button switch 1** is **turned on**, and the output of the gate circuit 24 is still **turned on**. When the input signal is **turned off** before time-out, the gate signal is turned doff, and the output of the gate circuit 24 is **turned off**.

10/5/4 (Item 4 from file: 347)

DIALOG(R) File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

05476284 \*\*Image available\*\*  
MAIN BODY DETACHABLE TRACK BALL MOUSE DEVICE

PUB. NO.: 09-091084 [JP 9091084 A]  
PUBLISHED: April 04, 1997 (19970404)  
INVENTOR(s): KOIDE KEIJI  
APPLICANT(s): NEC GUMMA LTD [486536] (A Japanese Company or Corporation),  
JP (Japan)  
APPL. NO.: 07-249362 [JP 95249362]  
FILED: September 27, 1995 (19950927)  
INTL CLASS: [6] G06F-003/033 ; G06F-001/16  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.9 (INFORMATION PROCESSING -- Other)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a man-machine interface which is excellent in portability and operability by integrating a track ball device and a mouse device into one body.

SOLUTION: This device is incorporated into a computer, is provided with a function as a mouse by being separated from the computer and is provided with a ball 2 for moving shift detection, click buttons a3 and b4, a cable 5 electrically **connected** with the **computer**, a track ball/ **mouse** changeover **switch 6** and a mechanism B for depressing the switch and a groove A for mounting the track ball mouse device on the computer. In this case, by **switching** the track ball **mouse** changeover **switch 6**, the device is used as a track ball device or a mouse device.

10/5/5 (Item 5 from file: 347)

DIALOG(R) File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

05215942     \*\*Image available\*\*  
PORTABLE ELECTRONIC EQUIPMENT

PUB. NO.:        08-171442 [JP 8171442 A]  
PUBLISHED:      July 02, 1996 (19960702)  
INVENTOR(s):    KATOU AKIROU  
                  HARA TOSHIMASA  
APPLICANT(s):   CANON INC [000100] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:      06-313702 [JP 94313702]  
FILED:          December 16, 1994 (19941216)  
INTL CLASS:     [6]   G06F-003/02 ;   G06F-003/02 ;   G06F-015/02 ;   G06F-015/02  
  
JAPIO CLASS:    45.3 (INFORMATION PROCESSING -- Input Output Units); 29.4  
                  (PRECISION INSTRUMENTS -- Business Machines); 45.4  
                  (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R131 (INFORMATION PROCESSING --  
                  Microcomputers & Microprocessors)

#### ABSTRACT

PURPOSE: To improve the operability of a portable electronic equipment when the data are inputted without using a keyboard by instructing the inhibition of use of a keyboard for input of data and disregarding the data inputted through the keyboard at when the input of data is inhibited.

CONSTITUTION: When a pen input operation is carried out with use of a touch panel 2, a **keyboard** input inhibition **switch** 4 is **turned on**. An MPU 6 recognizes the ON state of the switch 4 and inhibits the data from being inputted through the keyboard 3. If the fingers, etc., touch the keyboard 3 by mistake while the inhibition is instructed for input of the data, the data inputted through the keyboard 3 are disregarded. When a key input operation is desired again through the **keyboard** 3, the **switch** 4 is **turned off** so that the data can be inputted again through the keyboard 3. Thus the operability of a portable electronic equipment is improved when the data are inputted without using the keyboard 3.

10/5/6        (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

03998653     \*\*Image available\*\*  
COMPUTER NETWORK

PUB. NO.:        04-363753 [JP 4363753 A]  
PUBLISHED:      December 16, 1992 (19921216)  
INVENTOR(s):    MAKIURA TAKAFUMI  
APPLICANT(s):   TOSHIBA ENG CO LTD [416142] (A Japanese Company or  
                  Corporation), JP (Japan)  
APPL. NO.:      03-003905 [JP 913905]  
FILED:          January 17, 1991 (19910117)  
INTL CLASS:     [5]   G06F-015/16 ;   G06F-015/60  
JAPIO CLASS:    45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL:        Section: P, Section No. 1534, Vol. 17, No. 239, Pg. 135, May  
                  13, 1993 (19930513)

#### ABSTRACT

PURPOSE: To intervene to operate a computer for a desired student by using a mouse-and a monitor at an instructor side by an instructor, and to simplify a structure, in a computer network used for the education of a CAD operation.

CONSTITUTION: A mouse 2 for an instructor is **connected** with a **computer** main body 6-i for a desired student by a **mouse** changeover **switch** 12 which is operated corresponding to the operation by the instructor. And also, a display 10 for **monitoring** is **connected** with the **computer** main body 6-i for the desired student by a monitor changeover switch 15 which is operated corresponding to the operation by the instructor.

10/5/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

03938126 \*\*Image available\*\*  
KEYBOARD INPUT DEVICE

PUB. NO.: 04-303226 [JP 4303226 A]  
PUBLISHED: October 27, 1992 (19921027)  
INVENTOR(s): HOTTA KAZUO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-121991 [JP 91121991]  
FILED: March 29, 1991 (19910329)  
INTL CLASS: [5] G06F-003/02 ; G06F-003/02  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JOURNAL: Section: P, Section No. 1500, Vol. 17, No. 118, Pg. 33, March  
11, 1993 (19930311)

#### ABSTRACT

PURPOSE: To perform the work without movement of a person by connecting one keyboard and plural CRTs at the time of using plural terminals by one person.

CONSTITUTION: A light emitting part 5 is provided with a small switch and light is **turned on** /off, and light is **turned on** only at the time of signal transmission, and a changeover switch 3 is provided with an LED, and the CRT connected at present is recognized. When a user will use a CRT 2A, he **turns on** the switch of the light emitting part 5 to irradiate a detecting part 1A with light. When the indicator LED of the changeover switch 3 indicates the CRT 2A, the CRT 2A can be operated on the **keyboard**. Thereafter, the **switch** of the light emitting part is **turned off** to prevent the other detecting part 1A from being irradiated with light. When he will use a CRT 2B, the detecting part 1B is irradiated with light by the same operation. When the light emitting part 5 is set to the user's head, he only turns to the CRT to be used to perform switching.

10/5/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

03870554 \*\*Image available\*\*  
NETWORK CONTROL SYSTEM

PUB. NO.: 04-235654 [JP 4235654 A]  
PUBLISHED: August 24, 1992 (19920824)  
INVENTOR(s): TAKE RIICHIRO  
NOGUCHI YASUO  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-012877 [JP 9112877]  
FILED: January 10, 1991 (19910110)  
INTL CLASS: [5] G06F-013/00 ; G06F-015/16  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4  
(INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1463, Vol. 16, No. 586, Pg. 131,  
December 25, 1992 (19921225)

#### ABSTRACT

PURPOSE: To evade the congestion of messages and to provide efficient full-to- full communication system in a network control system where the full-to-full communication is executed with high efficiency in a multiprocessor system which contains plural **processors connected** to each other via a connection net having the torus type topology.

CONSTITUTION: If the circumference of a torus is defines as (k), (n) is

defined as  $k/2$  with an even ( $k$ ) and as  $(k+1)/2$  with an odd ( $k$ ) respectively. Under such conditions, the connection pattern of a **switch box** contained in a processing element 1 is controlled so that a state ( $n-1, n-1, n-1$ ) is **scanned** from a state (0, 0, 0) for a torus type network. Thus a processing means can process the messages in a full-to-full communication way.

10/5/9 (Item 9 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

02806128 \*\*Image available\*\*  
POINTING DEVICE

PUB. NO.: 01-103728 [JP 1103728 A]  
PUBLISHED: April 20, 1989 (19890420)  
INVENTOR(s): OKITSU KATSUHIKO  
IMAI RYOICHI  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 62-259740 [JP 87259740]  
FILED: October 16, 1987 (19871016)  
INTL CLASS: [4] G06F-003/033 ; G06F-003/033  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)  
JOURNAL: Section: P, Section No. 909, Vol. 13, No. 345, Pg. 57, August  
03, 1989 (19890803)

#### ABSTRACT

PURPOSE: To improve the operability of a pointing device by moving a mark in a direction, which is determined by the arrangement position of a detecting means, by a moving means while detecting the arrival of a moving body by the detecting means.

CONSTITUTION: When a **button switch** S is **turned on** and a mouse body M starts movement, signals X1, X2, Y1, and Y2 indicating the extents and directions of movement in respective directions are outputted from the mouse body M, and a control circuit B performs signal processing and inputs the same signals as signals generated by the mouse body M to a computer D'. Each time a pulse oscillator A generates a pulse PS, the computer D' moves a cursor toward a determined position. When approximation of the cursor to the vicinity of the determined position is confirmed to **turn off** a sensor S1, the computer D' stops the movement of the cursor. When the cursor will be moved for a long distance, the cursor is moved without moving the mouse body M if the mouse body M is immediately placed on sensors S1-S4 in the moving direction.

10/5/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

02717028 \*\*Image available\*\*  
INPUT DEVICE BY POINTING DEVICE

PUB. NO.: 01-014628 [JP 1014628 A]  
PUBLISHED: January 18, 1989 (19890118)  
INVENTOR(s): ARAI TOSHIFUMI  
TANI MASAYUKI  
YOKOYAMA TAKANORI  
TANIFUJI SHINYA  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 62-169791 [JP 87169791]  
FILED: July 09, 1987 (19870709)  
INTL CLASS: [4] G06F-003/023

JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD: R139 (INFORMATION PROCESSING -- Word Processors)  
JOURNAL: Section: P, Section No. 866, Vol. 13, No. 188, Pg. 44, May  
08, 1989 (19890508)

#### ABSTRACT

PURPOSE: To decrease the number of times of a moving operation of a pointing device, and to shorten the time required for the operation, in an input work, by providing an input data generating part, interpreting a combination of a movement of a pointing device and an ON/OFF state (event) of plural switches by the input data generating part, and generating an input data of a position, a range and a processing command, etc.

CONSTITUTION: First of all a mouse cursor 102 is aligned with the start end of a range to be designated and a mouse switch 1a is turned on, and subsequently, a mouse 1 is moved and a mouse switch 1b is turned on and off in a state that the mouse cursor 102 has been aligned with the last end of the range, and thereafter, when the mouse switch 1a is turned off, an input state control part 3 and a final input state interpreting part 4 interpret a combination of a series of these events, while referring to the table, and an input data (designated range and processing command) inputted to an input data interpreting and executing part 5 is generated. In such a way, the number of times of a moving operation of the mouse 1 decreases, and also, the time required for the operation is shortened.

10/5/11 (Item 11 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

02427329 \*\*Image available\*\*  
DATA INPUT DEVICE

PUB. NO.: 63-044229 [JP 63044229 A]  
PUBLISHED: February 25, 1988 (19880225)  
INVENTOR(s): OMORI KAZUNORI  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 61-186791 [JP 86186791]  
FILED: August 11, 1986 (19860811)  
INTL CLASS: [4] G06F-003/037 ; G06F-003/03  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JOURNAL: Section: P, Section No. 732, Vol. 12, No. 255, Pg. 35, July  
19, 1988 (19880719)

#### ABSTRACT

PURPOSE: To improve operability, by providing a pointer provided with a push button switch being connected with a signal cable, on a computer.

CONSTITUTION: The interactive device of a pump operation is constituted of a display device 1 on the screen of which a touch screen 2 is mounted, a computer 4, and a pointer 5 to depress the touch screen 2. Two push button switches 6 for a pump start up command 61, and a pump stop command 62, are mounted at a position from where the switches are possible to be operated with a forefinger when the pointer 5 is gripped. Also, a signal issued by depressing the push button switch 6 is transmitted to the computer 4 through a signal cable 7, and two pumps A81 and B82 connected to the computer are started up, or stopped. In this way, by issuing indication with the pointer 5 from the touch screen 2, it is possible to input the indication to the computer 4 without staining the screen 2, and also by depressing the switch 6 with the pointer 5, it is possible to request the execution of the function of the switch to the computer 4.

10/5/12 (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.



02318717    \*\*Image available\*\*  
POWER SOURCE CONTROLLER FOR INFORMATION PROCESSOR

PUB. NO.:        62-235617    [JP 62235617    A]  
PUBLISHED:      October 15, 1987 (19871015)  
INVENTOR(s):    MISE MASAKAZU  
                  OMORI MASARU  
APPLICANT(s):   NEC CORP [000423] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:      61-078641    [JP 8678641]  
FILED:          April 04, 1986 (19860404)  
INTL CLASS:     [4]    G06F-001/00  
JAPIO CLASS:    45.9 (INFORMATION PROCESSING -- Other)  
JOURNAL:        Section: P, Section No. 684, Vol. 12, No. 102, Pg. 123, April  
                  05, 1988 (19880405)

ABSTRACT

PURPOSE: To improve operation efficiency and to improve the reliability of a system by **turning off** and then on a power source automatically if trouble occurs in an information processor.

CONSTITUTION: A power source controller for the information processor is equipped with an AC input circuit breaker 6, the various-status display 7 of a power source part, and the operation part (encircled with a dotted line in figure) of a repetitive power-on circuit on the console panel. This operation part is equipped with three-digit hexadecimal digital switches 1-3, and sets an on-timer after the power source is **turned on**, an off-timer after the power source is disconnected, and the number RT of times of repetition. Further, a repetitive power-on mode is entered with a lock type push- **button switch** 4 pressed and a display element 5 displays the number of times of repetitive power-on operation. Consequently, if abnormality is detected during system operation, for example, a control system indicates the system error and then a repowering-on flag is set to generate a power-off signal, thereby cutting off the output of the power source.

10/5/13        (Item 13 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

01245353    \*\*Image available\*\*  
INFORMATION OUTPUT DEVICE

PUB. NO.:        58-182753    [JP 58182753    A]  
PUBLISHED:      October 25, 1983 (19831025)  
INVENTOR(s):    SHIMIZU FUMITAKA  
APPLICANT(s):   MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.:      57-067701    [JP 8267701]  
FILED:          April 20, 1982 (19820420)  
INTL CLASS:     [3]    G06F-003/14 ;    G06F-015/20 ;    H04N-001/34  
JAPIO CLASS:    45.3 (INFORMATION PROCESSING -- Input Output Units); 44.7  
                  (COMMUNICATION -- Facsimile); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL:        Section: P, Section No. 252, Vol. 08, No. 27, Pg. 140,  
                  February 04, 1984 (19840204)

ABSTRACT

PURPOSE: To give information to an operator with high efficiency, by delivering the designated information just for a prescribed time and in response to the feeding of a coin.

CONSTITUTION: When an operator pushes only a push- **button switch** 3a, a computer 5 reads in a state under which the switch 3a is **turned on**. Then the computer 5 reads in the information corresponding to the switch 3a from a floppy disk and displays it on the screen of a CRT2. In addition, the computer 5 checks whether a timer 8 is counted up or not and then continues the processing if the timer 8 is not counted up yet. While the

computer 5 finishes the display processing when the timer 8 is counted up.  
Finally the timer 8 turns off a power supply device 7.

10/5/14 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv. .

014696376  
WPI Acc No: 2002-517080/200255  
XRPX Acc No: N02-409062

**Computer debug system capable of debugging a crashed computer -  
effectively debugs the computer program**

Patent Assignee: MITAC INT CORP (MITA-N)  
Inventor: CHIU J  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
TW 464803 A 20011121 TW 99110169 A 19990617 200255 B

Priority Applications (No Type Date): TW 99110169 A 19990617

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
TW 464803 A G06F-011/00

Abstract (Basic): TW 464803 A

NOVELTY - The invention provides a computer debug system capable of debugging crashed computer. The computer debug system contains a first computer and a second computer. The first computer contains a memory used to store a target program and an interrupt command service program; a processor used to execute the program inside the memory; and a press button switch electrically connecting to the processor used to generate a pre-defined interrupt command. The second computer is electrically connected to the first computer, in which a debugging program stored inside is used to perform debugging on the first computer. When the processor of the first computer is executing the target program and entering a crashed status due to the bug of the target program and the press button switch is pressed by a user, the pre-defined interrupt command activated by the press button will trigger the processor to start executing the interrupt command service program, and the interrupt command service program will establish the connection with the debugging program of the second computer so that the debugging program can perform debugging on the first computer.

DwgNo 0/1

Title Terms: COMPUTER; DEBUG; SYSTEM; CAPABLE; DEBUG; CRASH; COMPUTER;  
EFFECT; COMPUTER; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-011/00

File Segment: EPI

10/5/15 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014687877 \*\*Image available\*\*  
WPI Acc No: 2002-508581/200254  
Related WPI Acc No: 2002-435907; 2002-444468; 2002-444474; 2002-463533;  
2002-463683; 2002-463694; 2002-470871; 2002-471665; 2002-471777;  
2002-478954; 2002-479821; 2002-479822; 2002-479823; 2002-479824;  
2002-479825; 2002-479826; 2002-479827; 2002-479837; 2002-479839;  
2002-479843; 2002-479848; 2002-508236; 2002-518257; 2002-527982;  
2002-527983; 2002-643064; 2002-674144  
XRPX Acc No: N02-402475

**Network connectable information management system e.g. for content  
delivery, has system monitor to monitor status of parameter associated  
with processing engines for managing manipulation of information**

Patent Assignee: SURGIENT NETWORKS INC (SURG-N); CONRAD M J (CONR-I);  
JOHNSON S C (JOHN-I); RICHTER R K (RICH-I)

Inventor: CONRAD M J; JOHNSON S C; RICHTER R K

Number of Countries: 097 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200246925	A2	20020613	WO 2001US46217	A	20011102	200254 B
AU 200241577	A	20020618	AU 200241577	A	20011102	200262
US 20020133593	A1	20020919	US 2000187211	A	20000303	200264
			US 2000246401	A	20001107	
			US 2001797200	A	20010301	

Priority Applications (No Type Date): US 2001797200 A 20010301; US  
2000246401 P 20001107; US 2000187211 P 20000303

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200246925 A2 E 105 G06F-009/46

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200241577 A G06F-009/46 Based on patent WO 200246925

US 20020133593 A1 G06F-015/173 Provisional application US 2000187211

Provisional application US 2000246401

Abstract (Basic): WO 200246925 A2

NOVELTY - The system monitor monitors the status of parameter  
associated with one or more processing engines  
(1030,1040,1050,1060,1070) for managing manipulation of information in  
a deterministic manner by the engines.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the  
following:

- (1) Information management method;
- (2) Network connectable content delivery system;
- (3) Content delivery method;
- (4) Requested content delivery control method;
- (5) Deterministic delivery system;
- (6) Content request processing system; and
- (7) Content request processing method.

USE - For management of information required to deliver the content  
or services in network environment that utilizes computing systems such  
as **server** , **switch** , router **connected** to public Internet, private  
intranet network, WAN, LAN, wireless network, client based network, etc  
for content provision and update, comprehensive statistical data  
gathering and logging for sub-system engine, collection of shared user  
bandwidth usage and content usage data for billing and accounting  
systems, on the fly ad insertion into delivered content, customer  
programmable sub-system level quality of service (QOS) parameter,  
remote management, health **monitoring** , clustering control,  
local/remote disaster recovery functions, predictive performance and  
capacity planning, etc.

ADVANTAGE - Solves delivery latencies, capacity planning and other  
problems on a computer network environment. Maximizes hardware  
resources used for delivery of content at the same time minimizes the  
need of expensive hardware by content delivery system.

DESCRIPTION OF DRAWING(S) - The figure shows the components of a  
content delivery system.

Processing engines (1030,1040,1050,1060,1070)

pp; 105 DwgNo 1A/6

Title Terms: NETWORK; CONNECT; INFORMATION; MANAGEMENT; SYSTEM; CONTENT;  
DELIVER; SYSTEM; MONITOR; MONITOR; STATUS; PARAMETER; ASSOCIATE; PROCESS;  
ENGINE; MANAGE; MANIPULATE; INFORMATION

Derwent Class: T01; W01

International Patent Class (Main): G06F-009/46 ; G06F-015/173

File Segment: EPI

10/5/16 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014658146 \*\*Image available\*\*  
WPI Acc No: 2002-478850/200251  
XRPX Acc No: N02-378133

**Personal taste profile information gathering apparatus for e.g. broadcast television, records scene or audio of viewer's interest from the media device, when viewer operates a button -type switch**

Patent Assignee: IIJIMA A (IIJI-I); IIJIMA R (IIJI-I); IIJIMA (IIJI-I)

Inventor: IIJIMA J; IIJIMA R

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020042912	A1	20020411	US 2001752716	A	20010103	200251 B
JP 2002108943	A	20020412	JP 2000302235	A	20001002	200251

Priority Applications (No Type Date): JP 2000302235 A 20001002

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020042912	A1		14	H04N-007/16	
JP 2002108943	A		8	G06F-017/40	

Abstract (Basic): US 20020042912 A1

NOVELTY - A personal taste profile information recording unit (A) connected between the media device (J) being viewed by the viewer, and a **button -type switch** (G), records information related to the media device, when the viewer operates the switch. A control unit in the recording unit sends respective signal to the media for obtaining the scene or audio of viewer's interest respective to the viewer's operation.

USE - For gathering information on personal taste profiles of viewers of various types of media device such as broadcast television, personal **computer connected** to Internet, distributed media such as video tape, CD-ROM, DVD, CD, MO, CD-R, LD, etc.

ADVANTAGE - The personal taste profile information recording operation is done quickly, by **switching** a single **button type switch** which improves operability and possibility to gather data with a higher degree of ease, without diverting the viewer from the entertainment.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the personal taste profile information gathering apparatus.

Personal taste profile information recording unit (A)

Reception unit (B)

Control unit (C)

Scene-specifying data recording unit (D)

Contents recording unit (E)

**Button -type switch** (G)

Operation unit (H)

Output unit (I)

Media device (J)

pp; 14 DwgNo 1/8

Title Terms: PERSON; TASTE; PROFILE; INFORMATION; GATHER; APPARATUS;  
BROADCAST; TELEVISION; RECORD; SCENE; AUDIO; VIEW; INTEREST; MEDIUM;  
DEVICE; VIEW; OPERATE; BUTTON; TYPE; SWITCH

Derwent Class: W02; W03; W04

International Patent Class (Main): G06F-017/40 ; H04N-007/16

International Patent Class (Additional): G06F-003/00 ; G06F-017/30 ;

H04H-009/00; H04N-017/00

File Segment: EPI

10/5/17 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014507716     \*\*Image available\*\*

WPI Acc No: 2002-328419/200236

XRPX Acc No: N02-257687

**Computer peripheral switching device e.g. for keyboard, mouse , has selection switch provided on pointing device and connected to switching circuitry, to switch connection of pointing device from one computer to other**

Patent Assignee: TOMOSON P H (TOMO-I)

Inventor: TOMOSON P H

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020010816	A1	20020124	US 97992974	A	19971218	200236    B

Priority Applications (No Type Date): US 97992974 A 19971218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020010816	A1	8	G06F-003/00	

Abstract (Basic): US 20020010816 A1

NOVELTY - A **switching** circuitry (105) arranged external to a **computer** and **connected** to a pointing device, has several ports (107-110) for connecting to other computers. A selection switch (103) provided on the pointing device, is connected to **switching** circuitry to switch the connection of the pointing device from one computer to other.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Peripheral **switching** system;

(b) Computer system

USE - For **switching** operation of computer peripherals such as monitor, keyboard, mouse from one computer to other.

ADVANTAGE - Since the selection switch is provided in the pointing device, the **switching** of the input devices and other peripheral is performed easily from a single location without consuming additional desk space.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the computer peripheral **switching** device.

Selection switch (103)

**Switching** circuitry (105)

Ports (107-110)

pp; 8 DwgNo 1/7

Title Terms: COMPUTER; PERIPHERAL; SWITCH; DEVICE; KEYBOARD; MOUSE; SELECT; SWITCH; POINT; DEVICE; CONNECT; SWITCH; CIRCUIT; SWITCH; CONNECT; POINT; DEVICE; ONE; COMPUTER

Derwent Class: T01; V03

International Patent Class (Main): G06F-003/00

International Patent Class (Additional): G06F-003/02 ; G06F-003/23

File Segment: EPI

10/5/18        (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014469765     \*\*Image available\*\*

WPI Acc No: 2002-290468/200233

**Remote control method using e-mail**

Patent Assignee: CHO K S (CHOK-I)

Inventor: CHO K S

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001104594	A	20011126	KR 200025922	A	20000515	200233    B

Priority Applications (No Type Date): KR 200025922 A 20000515

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
KR 2001104594 A 1 G06F-015/16

Abstract (Basic): KR 2001104594 A

NOVELTY - A remote control method using an E-mail is provided to construct a remote control system at a low cost, improve security, ensure an easy installation and operation, and control a subject anywhere.

DETAILED DESCRIPTION - A computer(101) performs a control. A remote control program(102) is installed on the **controlling** computer. A remote control program(105) is installed on a computer which is controlled. A **switch box** (106) is connected to the controlled computer. The remote control programs are respectively installed on the **controlling** computer and the controlled **computer**, **connected** to Internet, and exchange E-mails. The controlled computer connects to the separate **switch box**. The **switch box** is connected to an equipment or a machine which is to be remote controlled. The remote control program(105) installed on the controlled computer receives an E-mail transmitted from the **controlling** computer, generates a control signal, sends the signal to the **switch box**, and operates a pertinent switch.

pp; 1 DwgNo 1/10

Title Terms: REMOTE; CONTROL; METHOD; MAIL

Derwent Class: T01

International Patent Class (Main): G06F-015/16

File Segment: EPI

10/5/19 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014464467 \*\*Image available\*\*

WPI Acc No: 2002-285170/200233

XRPX Acc No: N02-222946

**Functional setting switch device holds musical sound effect of electronic device even if lever of lever type switch is turned OFF, by pushing down lever and pushing pushbutton of button type switch**

Patent Assignee: YAMAHA CORP (NIHG )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001297646	A	20011026	JP 2000108927	A	20000411	200233 B

Priority Applications (No Type Date): JP 2000108927 A 20000411

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001297646 A 10 H01H-009/54

Abstract (Basic): JP 2001297646 A

NOVELTY - Switching selection of effects of an electronic device is performed at a recursive target when a **button type switch** (22) is operated. The effect selected by switch (22) generates a musical sound when lever (21a) of lever type switch (21) is **turned ON**, and released when lever is **turned OFF**. When lever is pushed down and a pushbutton (22a) is pushed, the musical sound effect is held even if lever is **turned OFF**.

DETAILED DESCRIPTION - The lever type switch and **button type switch** are provided in a panel (P) and can be reset automatically. An indicator is lighted corresponding to the selected effect by the second switch.

USE - For e.g. electronic musical instrument.

ADVANTAGE - Improves the operability of the functional setting switch device at the time of generating a sound effect in e.g. electronic musical instrument.

DESCRIPTION OF DRAWING(S) - The figure shows the top view of the operating part of the functional setting switch device. (Drawing includes non-English language text)

Lever type switch (21)  
 Lever (21a)  
**Button type switch (22)**  
 Pushbutton (22a)  
 Panel (P)  
 pp; 10 DwgNo 1/8  
 Title Terms: FUNCTION; SET; SWITCH; DEVICE; HOLD; MUSIC; SOUND; EFFECT;  
 ELECTRONIC; DEVICE; EVEN; LEVER; LEVER; TYPE; SWITCH; TURN; PUSH; DOWN;  
 LEVER; PUSH; PUSHBUTTON; BUTTON; TYPE; SWITCH  
 Derwent Class: P86; U21; V03; W04  
 International Patent Class (Main): H01H-009/54  
 International Patent Class (Additional): **G06F-003/023** ; G10H-001/18;  
 G10H-001/34; H03M-011/04; H03M-011/22  
 File Segment: EPI; EngPI

10/5/20 (Item 7 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2002 Thomson Derwent. All rts. reserv.

012662242 \*\*Image available\*\*  
 WPI Acc No: 1999-468347/199939  
 XRPX Acc No: N99-349711

**Backlit button array for controlling computer system functions**

Patent Assignee: COMPAQ COMPUTER CORP (COPQ )  
 Inventor: WELCH G C  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5938772	A	19990817	US 97872715	A	19970611	199939 B

Priority Applications (No Type Date): US 97872715 A 19970611

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5938772	A	12	G06F-001/32	

Abstract (Basic): US 5938772 A

NOVELTY - Backlit buttons coupled to an input-output controller (170) controls various functions of computer and has a switch and a backlight (200) that **turns off** when the button is pressed. The input-output controller provides a **sleep** signal when computer enters a low power consumption mode. A **sleep** indicator indicates whether the computer is in **sleep** mode.

DETAILED DESCRIPTION - The **sleep** indicator is coupled to a power supply which provides electrical current to **turn on** transistors when **sleep** signal is not asserted by input-output controller. The backlight comprises an LED. An INDEPENDENT CLAIM is also included for various computer functions controlling method.

USE - For controlling computer system functions, play back of CD's, answering telephone calls.

ADVANTAGE - The buttons are easily viewed even in poor lighting conditions. If the lights are turned down low or off or if there is a glare on the buttons, the user will still be able to see the button labels.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of computer system with components for coupling computer system's processor to **button** array and **switch** logic.

Input-output controller (170)

Backlight (200)

pp; 12 DwgNo 4/5

Title Terms: BUTTON; ARRAY; CONTROL; COMPUTER; SYSTEM; FUNCTION  
 Derwent Class: T01  
 International Patent Class (Main): **G06F-001/32**  
 File Segment: EPI

10/5/21 (Item 8 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012006737 \*\*Image available\*\*

WPI Acc No: 1998-423647/199836

XRPX Acc No: N98-330944

**Mouse system for computer - includes gate circuit that resets RS flip-flop when gate signal is turned OFF after button switch varied from OFF state to ON state**

Patent Assignee: NTT DATA TSUSHIN KK (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10177455	A	19980630	JP 97278413	A	19971013	199836 B

Priority Applications (No Type Date): JP 96274490 A 19961017

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10177455	A	11	G06F-003/033	

Abstract (Basic): JP 10177455 A

The system includes a pointing device that has a **button switch** for generating a co-ordinate moving information. When the **button switch** is switched 'ON' from OFF state, then a counter (21) starts counting time period of 'ON' state of the **button switch**. When output of counter exceeds a setup time, then a time out signal is output by the counter to set a RS flip-flop (22) after **turning on a gate signal**.

A gate circuit (24) maintains drag condition even when input signal from the bottom switch is **turned OFF**. When the **button switch** is switched again, then the RS flip-flop is reset. The counter again starts counting time period when the **button switch** is **turned ON**. The output of the gate circuit is still in 'ON' condition. Only when the signal is **turned OFF**, the gate circuit resets the RS flip-flop.

ADVANTAGE - Facilitates to perform drag operation easily and reliably. Facilitates to perform click operation with in predetermined time.

Dwg.1/7

Title Terms: MOUSE; SYSTEM; COMPUTER; GATE; CIRCUIT; RESET; SR; FLIP; GATE; SIGNAL; TURN; AFTER; BUTTON; SWITCH; VARY; STATE; STATE

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/033

File Segment: EPI

10/5/22 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

011346555 \*\*Image available\*\*

WPI Acc No: 1997-324460/199730

XRPX Acc No: N97-268598

**Display device connected to computer, various work machine - displays screen data in desired language on display unit by operating language switching unit for switching priority according to priority code**

Patent Assignee: TOSHIBA MACHINE CO LTD (TOSI )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9127926	A	19970516	JP 95283971	A	19951031	199730 B

Priority Applications (No Type Date): JP 95283971 A 19951031

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9127926	A	8	G09G-005/22	

Abstract (Basic): JP 9127926 A

The device has a language **switching button** (161) to **switch**



the priority of different languages in which the data is to be displayed on a display unit (18) based on the priority of different languages input through an input unit (16). The screen data containing the character data in different languages and the priority code are stored in a memory device (15).

The screen data is displayed on the display unit according to the priority code input from the input unit, in order and in the desired language. By operating the language **switching** unit, the priority to any language is changed according to the priority code.

ADVANTAGE - Enables to change priority of languages easily. Has high flexibility.

Dwg.1/8

Title Terms: DISPLAY; DEVICE; CONNECT; COMPUTER; VARIOUS; WORK; MACHINE; DISPLAY; SCREEN; DATA; LANGUAGE; DISPLAY; UNIT; OPERATE; LANGUAGE; SWITCH; UNIT; SWITCH; PRIORITY; ACCORD; PRIORITY; CODE

Derwent Class: P85; T01; T04

International Patent Class (Main): G09G-005/22

International Patent Class (Additional): G06F-003/14

File Segment: EPI; EngPI

10/5/23 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

008448784 \*\*Image available\*\*

WPI Acc.No: 1990-335784/199045

XRPX Acc No: N90-256764

**Cycle control circuit for computer - decodes matrix keyboard output to access control memory for serial transmission**

Patent Assignee: VEB APPL ELTRN BERL (ELBE-N)

Inventor: SALOMON P; SCHMOHL H B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DD 279761	A	19900613	DD 325432	A	19890202	199045 B

Priority Applications (No Type Date): DD 325432 A 19890202

Abstract (Basic): DD 279761 A

A cycle control circuit has a **keyboard switch** matrix providing a serial data transmission for operation of a remote computer. The keyboard matrix (1) is coupled to a line and column decoders (3, 4) that provide addresses to a programmable memory (9) that contains control codes.

A **switching** circuit (8) with a coupled quartz controlled generates (7) provides a serial data output.

USE/ADVANTAGE - Automatic programmable serial data output ia remote control circuit using freely selectable key matrix for operating computers, word processors or similar. Smallest possible circuitry allowing working of several keys operated simultaneously. Can be **connected** to given **computer** configuration having different keyboards without changing hardware. (5pp DWg.No.1/1)

Title Terms: CYCLE; CONTROL; CIRCUIT; COMPUTER; DECODE; MATRIX; KEYBOARD; OUTPUT; ACCESS; CONTROL; MEMORY; SERIAL; TRANSMISSION

Derwent Class: T01

International Patent Class (Additional): G06F-003/02

File Segment: EPI

10/5/24 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

007423424 \*\*Image available\*\*

WPI Acc No: 1988-057359/198809

XRPX Acc No: N88-043613

**Entering technically secure data into computer installations -**

automatically testing complete information and commands for security  
relevance and forwarding to setting logic

Patent Assignee: LICENTIA PATENT-VERW GMBH (LICN )

Inventor: LIEPELT R

Number of Countries: 006 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3639788	C	19880303	DE 3629788	A	19861121	198809 B
NL 8702610	A	19880616				198828
FI 8704817	A	19880522				198835
DD 262930	A	19881214				198920
FI 91335	B	19940228	FI 874817	A	19871102	199412
AT 8703068	A	19940715	AT 873068	A	19871120	199428
AT 398952	B	19950115	AT 873068	A	19871120	199508

Priority Applications (No Type Date): DE 3639788 A 19861121

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 3639788	C	4		
FI 91335	B		G06F-011/00	Previous Publ. patent FI 8704817
AT 398952	B		B61L-027/00	Previous Publ. patent AT 8703068
AT 8703068	A		B61L-027/00	

Abstract (Basic): DE 3639788 C

An information handling system is configured to ensure that only safe data and **commands** can be entered into a process, e.g. power plant, military equipment. The system is based upon a computer (1) coupled over a bar (2) to output drive logic (3).

Also **connected** to the **computer** is a display (4), safe enable push- **button switch** (5) and an unsecured computer (6) that has a keyboard (7) and display (8). The keyboard is used for all entries and these are checked and corrected if needed for entry to the secured computer.

ADVANTAGE - Ensures that only safe **commands** and data are processed by system.

1/1

Title Terms: ENTER; TECHNICAL; SECURE; DATA; COMPUTER; INSTALLATION;  
AUTOMATIC; TEST; COMPLETE; INFORMATION; **COMMAND** ; SECURE; RELEVANT;  
FORWARDING; SET; LOGIC

Index Terms/Additional Words: RAILWAY; SIGNAL; POWER; STATION; MILITARY;  
WEAPON

Derwent Class: Q21; T01; X23

International Patent Class (Main): B61L-027/00; **G06F-011/00**

International Patent Class (Additional): **G06F-003/00**

File Segment: EPI; EngPI

10/5/25 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

007021960

WPI Acc No: 1987-021957/198703

XRPX Acc No: N87-016614

**Document, esp. currency, dispensing apparatus - has removable container and information-indicating buttons associated with container representing data concerning its contents**

Patent Assignee: DIEBOLD INC (DIEB-N); INTERBOLD TECHNOLOGIES INC (INTE-N);  
INTERBOLD (INTE-N)

Inventor: ALLISON T B; EASTMAN J M; GRAEF H T; NEWTON K H

Number of Countries: 013 Number of Patents: 028

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8700154	A	19870115	WO 86US1201	A	19860528	198703 B
AU 8661203	A	19870130				198716
EP 227793	A	19870708	EP 86904495	A	19860528	198727
JP 62503165	W	19871217	JP 86503636	A	19860528	198805
AU 8934826	A	19890907		.		198944

US 4871085	A	19891003	US 86931010	A	19861117	198949
EP 399570	A	19901128				199048
CA 1276304	C	19901113				199051
AU 9065688	A	19910131				199112
EP 459529	A	19911204	EP 91111932	A	19860528	199149
CA 1296100	C	19920218				199214
US 5099423	A	19920324	US 89370216	A	19890622	199215
US 5141127	A	19920825	US 85749960	A	19850627	199237
			US 86931010	A	19861117	
			US 89370216	A	19890622	
			US 91734345	A	19910717	
AU 9332136	A	19930325	AU 9065688	A	19901031	199319
			AU 9332136	A	19930129	
AU 635978	B	19930408	AU 9065688	A	19901031	199321
			AU 8934826	A	19890000	
EP 459529	A3	19920122	EP 91111932	A	19860528	199322
EP 399570	A3	19920520	EP 90112217	A	19860528	199331
EP 600848	A2	19940608	EP 91111932	A	19860528	199422
			EP 94100165	A	19860528	
EP 600848	A3	19940817	EP 94100165	A	19860528	199530
EP 227793	B1	19951004	EP 86904495	A	19860528	199544
			WO 86US1201	A	19860528	
EP 399570	B1	19951018	EP 90112217	A	19860528	199546
EP 459529	B1	19951018	EP 91111932	A	19860528	199546
DE 3650412	G	19951109	DE 3650412	A	19860528	199550
			EP 86904495	A	19860528	
			WO 86US1201	A	19860528	
DE 3650424	G	19951123	DE 3650424	A	19860528	199601
			EP 90112217	A	19860528	
DE 3650425	G	19951123	DE 3650425	A	19860528	199601
			EP 91111932	A	19860528	
AU 665390	B	19960104	AU 9065688	A	19901031	199608
			AU 9332136	A	19930129	
EP 600848	B1	19970122	EP 91111932	A	19860528	199709
			EP 94100165	A	19860528	
DE 3650595	G	19970306	DE 3650595	A	19860528	199715
			EP 94100165	A	19860528	

Priority Applications (No Type Date): US 85749960 A 19850627; US 89370216 A 19890622; US 91734345 A 19910717

Cited Patents: EP 14312; EP 30413; FR 2443405; GB 2039264; SSR880706; US 2536155; US 2919790; US 3142816; US 3144524; US 3308274; US 3611403; US 3665160; US 3673389; US 3914579; US 4016405; US 4221376; US 4291408; US 4317957; US 4321672; US 4337864; US 4494747; US 4573606; US 4594663; NoSR.Pub; GB 2121569

#### Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8700154	A	E	51		
EP 227793	A	E			
US 4871085	A		19		
US 5099423	A		19		Div ex patent US 4871085
US 5141127	A		20	B65H-003/00	Cont of application US 85749960
					Div ex application US 86931010
					Div ex application US 89370216
					Div ex patent US 4871085
					Div ex patent US 5099423
AU 9332136	A			G06K-011/00	Div ex application AU 9065688
AU 635978	B			G06F-015/21	Div ex application AU 8934826
					Previous Publ. patent AU 9065688
EP 600848	A2	E	16	B65H-001/08	Related to application EP 91111932
EP 600848	A3				Related to patent EP 459529
EP 227793	B1	E	23	B65H-001/08	Based on patent WO 8700154
EP 399570	B1	E	20	B65H-001/08	
EP 459529	B1	E	18	B65H-001/08	
DE 3650412	G			B65H-001/08	Based on patent EP 227793
					Based on patent WO 8700154
DE 3650424	G			B65H-001/08	Based on patent EP 399570
DE 3650425	G			B65H-001/08	Based on patent EP 459529

AU 665390 B G06K-011/00 Div ex application AU 9065688  
 Previous Publ. patent AU 9332136  
 EP 600848 B1 E 17 B65H-001/08 Div ex application EP 91111932  
 Designated States (Regional): BE CH DE FR GB IT LI NL SE  
 DE 3650595 G B65H-001/08 Based on patent EP 600848

Abstract (Basic): WO 8700154 A

The container is in the form of a canister (10) which stores currency notes (30) or other documents such as traveller's cheques to be dispensed. The buttons (25) are of resilient material and are arranged to project, each through a respective hole formed in a face plate, from the canister. A respective boss at the base of the button prevents it from passing completely through the face plate from the inside of the canister. Each canister in an automatic teller machine cooperates with a respective picker mechanism which includes a canister mounting plate (103) and a roller (102) mounted on a shaft (106).

The roller incorporates high-friction rubber parts (112) for pulling notes off the stack (30) in the canister. The arrangement of buttons represents information about location, ownership and serial number of each canister, the type and denomination of notes in the canister and changes in the status of documents in the canister. Each button acts with a respective actuator (128) and electrical switch (130) to provide the information in the form of electrical signals for input to a computer.

ADVANTAGE - Document canister is labelled reliably and permanently in machine-readable form with information representing ownership and contents of the canister.

Dwg.9/13

Title Terms: DOCUMENT; CURRENCY; DISPENSE; APPARATUS; REMOVE; CONTAINER; INFORMATION; INDICATE; BUTTON; ASSOCIATE; CONTAINER; REPRESENT; DATA; CONTENT

Derwent Class: P85; Q36; T01; T04; T05

International Patent Class (Main): B65H-001/08; B65H-003/00; G06F-015/21 ; G06K-011/00

International Patent Class (Additional): B65H-003/06; B65H-003/44 ; G06F-015/22 ; G06F-015/30 ; G06F-017/40 ; G06K-001/12; G06K-007/04; G06K-013/08; G06K-015/30; G07D-009/00; G07F-011/00; G09F-003/02

File Segment: EPI; EngPI

10/5/26 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

004020569

WPI Acc No: 1984-166111/198427

XRPX Acc No: N84-123628

**Remote control unit for TV receiver or video disc player - has detector circuit coupled to keys to activate battery supply to microprocessor**

Patent Assignee: RCA CORP (RADC ); RCA LICENSING CORP (RADC )

Inventor: AMARAL J E S; BLATTER H; FRENCH M P

Number of Countries: 010 Number of Patents: 014

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3346509	A	19840628	DE 3346509	A	19831222	198427 B
GB 2132427	A	19840704	GB 8334062	A	19831221	198427
FR 2538574	A	19840629				198431
AU 8322489	A	19840628				198433
JP 59133735	A	19840801	JP 83243080	A	19831221	198437
ES 8500528	A	19850101				198510
US 4544923	A	19851001	US 82452114	A	19821222	198542
US 4544924	A	19851001	US 82452115	A	19821222	198542
GB 2132427	B	19860604				198623
CA 1210815	A	19860902				198640
CA 1210816	A	19860902				198640
DE 3346509	C	19890803				198931
IT 1212803	B	19891130				199150
KR 9209208	B1	19921014	KR 836004	A	19831219	199412

Priority Applications (No Type Date): US 82452115 A 19821222; US 82452114 A 19821222

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3346509	A		13		
KR 9209208	B1			H04Q-009/00	

Abstract (Basic): GB 2132427 A

An on-off arrangement for a digital controller, comprising: a voltage supply terminal of said digital controller for providing main power thereto; a source of supply voltage; a first switch having a main current path coupled between said voltage supply terminal and said source of supply voltage, conduction in said main current path being controlled by a control terminal of said switch; means for forming a regenerative latch and coupled to said first switch control terminal to maintain said main current path conductive once said latch is activated; means for applying a **turn - on** signal to said first switch control terminal to initiate the conduction of current in said main current path to power-up said digital controller, said latch being activated upon application of said **turn - on** signal; and an output port of said digital controller coupled to said latch for providing an alternate path for current that bypasses at least a portion of said latch to initiate the regenerative deactivation thereof for cutting off conduction in said main current path to power-down said digital controller.

DE 3346509 A

The remote control unit has a contact selector panel. The panel has a number of signal lines that connect with a microprocessor that scans the condition of the keys. For a particular condition the microprocessor generates a serial pulse sequence from an output.

The output is transmitted to an output interface circuit that responds to activate a light emitting diode stage. The main supply for the remote signal transmitter is provided by a battery connected to a pnp switching stage. Operation of a key results in a transistor in a hold circuit being activated to supply the microprocessor with power during a transmission. The system reduces battery power consumption.

0/1

Title Terms: REMOTE; CONTROL; UNIT; TELEVISION; RECEIVE; VIDEO; DISC; PLAY; DETECT; CIRCUIT; COUPLE; KEY; ACTIVATE; BATTERY; SUPPLY; MICROPROCESSOR

Derwent Class: T06; U21; U25; W03; W05

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G05B-013/00; G05B-015/02;

G05B-019/40; **G06F-001/00** ; **G06F-003/02** ; H02J-007/00; H02J-013/00;

H03J-009/00; H03K-017/60; H04B-001/02; H04B-007/00; H04B-009/00;

H04L-013/16; H04N-005/44

File Segment: EPI

10/5/27 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

003274465

WPI Acc No: 1982-C2449E/198209

**Detection and determin. process for red blood capsules - uses transmitted light beam monitored by photosensors connected to computer and consisting of charge coupled devices**

Patent Assignee: COMMISSARIAT ENERGIE ATOMIQUE (COMS ); MATERIEL BIOMEDICAL (MATE-N)

Inventor: ROCHE P

Number of Countries: 008 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 46430	A	19820224				198209 B
FR 2488691	A	19820219				198212

Priority Applications (No Type Date): FR 8017966 A 19800814

Cited Patents: 1.Jnl.Ref; EP 12698; FR 2444939; GB 2014300; US 3773426

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
-----------	------	------	----	----------	--------------

EP 46430	A	F	21		
----------	---	---	----	--	--

Designated States (Regional): BE CH DE FR GB IT LI NL

Abstract (Basic): EP 46430 A

A suspension of particles in a liq. is placed in a dish with a transparent base; and one or more reagents is added to the dish so that agglutinates may be formed. A light beam is transmitted downwards through the dish, and the transmitted light is **scanned** by an array of photosensors providing n times m points of observation in a square or rectangle covering most of the dish base. At least one empty dish, or a dish contg. a transparent liq. is also **scanned** with the object of correcting the signals received and to obtain a uniform response from photosensors. The photosensors are pref. charge-coupled or charge transfer devices. The detection and determin. is made in real time.

A bundle of optical fibres forms a light beam fed through each dish to a mirror (14), so the beam meets a bar carrying an array of CCD diodes. The bar, **switch box** (17) and memory store are **connected** to a **computer**, using leads **connected** to the bar and motors. The results obtd. are fed to a display unit.

Title Terms: DETECT; DETERMINE; PROCESS; RED; BLOOD; CAPSULE; TRANSMIT; LIGHT; BEAM; MONITOR; PHOTSENSOR; CONNECT; COMPUTER; CONSIST; CHARGE; COUPLE; DEVICE

Derwent Class: S03; S05

International Patent Class (Additional): G01N-021/25; G01N-033/48;

**G06F-015/42**

File Segment: EPI

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06253799 Supplier Number: 54295386 (THIS IS THE FULLTEXT)  
Network Technologies' New Catalog Features KVM Switching Devices &  
New On

Screen Display.  
PR Newswire, p4326  
April 5, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 501

TEXT:

AURORA, Ohio, April 5 /PRNewswire/ -- Network Technologies Inc announces availability of its new catalog detailing a complete range of splitters, switches and cabling for PC, Sun and Mac systems. NTI presents a wide range of solutions ideal for enterprise network applications, multi-platform environments, instructional environments, and graphic and multimedia studios. The catalog's six color-coded sections include:

- Keyboard/Video/Mouse (KVM) Switches, allow one keyboard, mouse and monitor to control up to 128 computers. Facilitates cross-platform access and maximizes efficient use of equipment by eliminating redundant and costly monitors, keyboards, and mice. This section highlights:

The multi-user, multi-platform KVM switches with new OSD (On Screen Display) capable module interface for PC, Sun or Mac CPUs, provides an easy to use screen menu for controlling an entire network. Newly expanded cascading capabilities deliver greater flexibility, allowing up to 8 users to simultaneously access and control up to 512 PC, Sun and Mac computers.

The recently introduced KEEMUX series of electronic KVM switches features dedicated internal microprocessors that emulate keyboard and mouse presence to each attached computer 100% of the time, allowing all CPUs to boot error free.

- Video Splitters simultaneously display the same high-resolution image on up to 100 monitors -- ideal for presentations or information display in trading centers.

- Keyboard/Video/Mouse (KVM) Splitters allow up to four keyboards, monitors and mice to be connected to the same computer. LAN managers can update and maintain a file server from an office, warehouse, or shop

floor.

- KVM Classroom Systems are Ideal for schools and corporate training centers, the new OSD (On Screen Display) capable module interface puts on-screen control of up to 32 students' keyboards, monitors and mice at the instructor's fingertips. Maximizes learning by enabling the teacher to broadcast his screen to the entire class, observe students' screens, or blank screens and disable keyboards and mice to focus attention.

- Video Only Switches share one monitor among multiple computers, allowing one user to utilize more than one CPU or platform. Video Matrix Switches switch many computers' outputs among multiple monitors -- ideal for classrooms, boardrooms, and presentations.

- Cabling for keyboards, video and mice provide connectivity at 1600x1200 resolution with no loss of signal. NTI's broad line of cables, adapters and boosters present a solution for every need.

Color photographs and clear, color-coded illustrations of features and application specifications highlight the new 52-page catalog. Technical notes feature connector pinouts for the CPU platforms supported by NTI's product line. NTI's free product catalog is immediately available.

NTI's units connect between computers and peripherals, are easy to use, and require no special tools or software for immediate operation. Customer satisfaction is supported with a one-year warranty on parts and labor, and a 30-day satisfaction guarantee. For international applications, appropriate line cords are available. Responsive Customer Service and Technical Support is available to assist in product selection and installation questions.

For further information, please contact:

Lisa Borofsky, Marketing Manager

Network Technologies Inc.

1275 Danner Drive/Aurora, OH 44202

[www.networktechinc.com](http://www.networktechinc.com)

Email: [info@networktechinc.com](mailto:info@networktechinc.com)

Phone: 800-742-8324/fax: 330-562-1999

COPYRIGHT 1999 PR Newswire Association, Inc.

COPYRIGHT 1999 Gale Group

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: \*Network Technologies Inc.

GEOGRAPHIC NAMES: \*1USA (United States)

PRODUCT NAMES: \*7392000 (Business & Mgmt Consulting)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of



business)

SIC CODES: 8742 (Management consulting services)

NAICS CODES: 54161 (Management Consulting Services)

SPECIAL FEATURES: LOB; COMPANY

Set	Items	Description
S1	19	SUN(2N)KVM NOT PY>1999
S2	15	S1 NOT PD>19990806
S3	8	RD (unique items)
S4	1189	KVM()SWITCH?
S5	841	S4 AND KEYBOARD
S6	11	KEEMUX?
S7	6	S6 NOT PY>1999
S8	14	S3 OR S7
S9	10	RD (unique items)

File 9:Business & Industry(R) Jul/1994-2002/Nov 15  
(c) 2002 Resp. DB Svcs.

File 16:Gale Group PROMT(R) 1990-2002/Nov 18  
(c) 2002 The Gale Group

File 20:Dialog Global Reporter 1997-2002/Nov 18  
(c) 2002 The Dialog Corp.

File 112:UBM Industry News 1998-2002/Nov 18  
(c) 2002 United Business Media

File 148:Gale Group Trade & Industry DB 1976-2002/Nov 18  
(c)2002 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2002/Nov 18  
(c) 2002 The Gale Group

File 505:Asian Co. Profiles 2002/Nov  
(c) 2002 FBR Bus Info Svcs

File 613:PR Newswire 1999-2002/Nov 18  
(c) 2002 PR Newswire Association Inc.

File 616:Canada NewsWire 1999-2001/Mar 09  
(c) 2001 Canada NewsWire

File 619:Asia Intelligence Wire 1995-2002/Nov 17  
(c) 2002 Fin. Times Ltd

File 636:Gale Group Newsletter DB(TM) 1987-2002/Nov 18  
(c) 2002 The Gale Group

File 748:Asia/Pac Bus. Jrnls 1994-2002/Nov 14  
(c) 2002 The Dialog Corporation

File 781:ProQuest Newsstand 1998-2002/Nov 17  
(c) 2002 ProQuest Info&Learning

9/5,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2002 Resp. DB Svcs. All rts. reserv.

02497503 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Java moves into consumer world**

(Sun Microsystems introduces revised version of Java virtual machine that can be implemented in under 64K-byte of memory)

Electronics Times, p 4

June 21, 1999

DOCUMENT TYPE: Journal ISSN: 0142-3118 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 347

**TEXT:**

Simple consumer devices including pagers and cellphones will be able to run Java software, thanks to the launch of a revised version of Sun Microsystems' Java virtual machine at the JavaOne conference.

Java's impact on the market for cost-sensitive consumer devices has been limited to date by the amount of memory it took to run the Java virtual machine code, the piece of software which interprets Java instructions for the host processor. Now Sun has announced a cut-down version, the K virtual machine (KVM), which can be implemented in less than 64Kbyte of memory. Mike Clary, vice-president and general manager for consumer and embedded at Sun, said: The KVM demonstrates our deep commitment to delivering innovative technologies in response to the needs of consumer device manufacturers, service providers and customers worldwide.

As the wireless device market heats up, service providers will increasingly depend on the competitive advantage afforded by Java.

NTT DoCoMo, the Japanese cellular network operator, has already trialled the KVM in a range of cellphones for its i-mode Internet access service.

The service allows users to interrogate Web pages created with a subset of the HTML mark-up language, accessing services such as banking, travel and concert ticket booking as well as a range of custom information sites. The addition of the KVM now means the handsets can support more sophisticated interactive services.

Takeshi Natsuno, media director for the gateway business department of NTT DoCoMo, says the new virtual machine will allow the handsets to handle downloaded applets, such as games software, agents software, such as the Pointcast information delivery service, and better security through applets.

Motorola showed off a prototype of its PageWriter pager with all the software running on the KVM. The smallest implementation of the KVM that the company has achieved runs in less than 100Kbyte of memory.

3Com used JavaOne to demonstrate an early version of the KVM running on its PalmPilot handheld organiser. A spokesman says the addition of Java-capable wireless links, as available on the latest Palm device in the US, will help drive the uptake of mobile data.

Copyright 1999 Miller-Freeman plc .

COMPANY NAMES: SUN MICROSYSTEMS INC

INDUSTRY NAMES: Software

PRODUCT NAMES: Operating systems software packages (737221)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...less than 64Kbyte of memory.

Mike Clary, vice-president and general manager for consumer and embedded at

Sun , said: The **KVM** demonstrates our deep commitment to delivering innovative technologies in response to the needs of consumer device manufacturers...

9/5,K/2 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06490736 Supplier Number: 55170382 (USE FORMAT 7 FOR FULLTEXT)  
**COMPUTER WEEKLY COMMENT: Java.(Technology Information)**  
Computer Weekly, p35  
July 8, 1999  
ISSN: 0010-4787  
Language: English Record Type: Fulltext .  
Document Type: Magazine/Journal; Trade  
Word Count: 263  
PUBLISHER NAME: Reed Elsevier Business Publishing, Ltd.  
COMPANY NAMES: \*Microsoft Corp.; Motorola Inc.  
EVENT NAMES: \*331 (Product development)  
GEOGRAPHIC NAMES: \*4EUUK (United Kingdom)  
PRODUCT NAMES: \*7372513 (Application Development Software)  
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)  
NAICS CODES: 51121 (Software Publishers)  
SPECIAL FEATURES: COMPANY

... vast range of programming talent without worrying about the plethora of different devices out there. Support from Sun 's **KVM** - which runs Java on low-spec kit - comes from Bull, Fujitsu, Motorola, Panasonic and NEC. And Symbian...

9/5,K/3 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06421863 Supplier Number: 54933675 (USE FORMAT 7 FOR FULLTEXT)  
**Wireless: Motorola Expands Its Java Technology Strategy, Demonstrates K Virtual Machine on Pager. JavaOne Features Latest Examples of Motorola's Growing Commitment to Java Technology.(Company Business and Marketing)**  
EDGE: Work-Group Computing Report, pNA  
June 21, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 423  
PUBLISHER NAME: EDGE Publishing  
COMPANY NAMES: \*Motorola Inc.  
EVENT NAMES: \*331 (Product development)  
GEOGRAPHIC NAMES: \*1USA (United States)  
PRODUCT NAMES: \*7372513 (Application Development Software)  
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); TELC (Telecommunications)  
NAICS CODES: 51121 (Software Publishers)  
SPECIAL FEATURES: COMPANY

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...is demonstrating at JavaOne the new K virtual machine for consumer applications requiring "small footprint" operating systems. Sun Microsystems developed **KVM** (formerly known as project "KJava virtual machine") in close cooperation with Motorola and with contributions from other...

...expand opportunities for developers to create applications for low-power, low-memory embedded devices. The cooperation with Sun on the **KVM** is one example of Motorola's commitment to Java technology. Motorola is showing at JavaOne a wide...

9/5,K/4 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06253799 Supplier Number: 54295386 (USE FORMAT 7 FOR FULLTEXT)  
**Network Technologies' New Catalog Features KVM Switching Devices & New On  
Screen Display.**

PR Newswire, p4326  
April 5, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 501

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: \*Network Technologies Inc.

GEOGRAPHIC NAMES: \*1USA (United States)

PRODUCT NAMES: \*7392000 (Business & Mgmt Consulting)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SIC CODES: 8742 (Management consulting services)

NAICS CODES: 54161 (Management Consulting Services)

SPECIAL FEATURES: LOB; COMPANY

... users to simultaneously access and control up to 512 PC, Sun and  
Mac computers.

The recently introduced **KEEMUX** series of electronic KVM switches  
features dedicated internal microprocessors that emulate keyboard and mouse  
presence to each...

9/5,K/5 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06251975 Supplier Number: 54286139 (USE FORMAT 7 FOR FULLTEXT)  
**KVM switches offer users access up to 32 systems.(Network Technologies'  
KEEMUX ) (Brief Article) (Product Announcement)**

Computing Canada, v25, n13, p25(1)

April 2, 1999

ISSN: 0319-0161

Language: English Record Type: Fulltext

Article Type: Brief Article; Product Announcement

Document Type: Magazine/Journal; Trade

Word Count: 159

PUBLISHER NAME: Plesman Publications Ltd.

COMPANY NAMES: \*Network Technologies Inc.

EVENT NAMES: \*336 (Product introduction)

GEOGRAPHIC NAMES: \*1USA (United States)

PRODUCT NAMES: \*3661260 (Network Management Systems)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office  
Automation); INTL (Business, International)

SIC CODES: 3661 (Telephone and telegraph apparatus)

NAICS CODES: 33421 (Telephone Apparatus Manufacturing)

TRADE NAMES: Network Technologies **Keemux** (Network management device)

SPECIAL FEATURES: COMPANY

(USE FORMAT 7 FOR FULLTEXT)

**KVM switches offer users access up to 32 systems.(Network Technologies'  
KEEMUX ) (Brief Article) (Product Announcement)**

TEXT:

AURORA, Ohio - Network Technologies Inc. has introduced the **KEEMUX** series  
of electronic keyboard-video-mouse (KVM) switches for PC, Macintosh and Sun  
platforms. Each of the...

**KEEMUX** switches can be cascaded to create a switch with 128-bit  
capability that operates as one from...

...each attached computer 100 per cent of the time allowing all CPUs to  
boot error free. The **KEEMUX** -P series is compatible with all PS/2-style  
PCs and laptops, HP 9000, Silicon Graphics and...

TRADE NAMES: Network Technologies **Keemux** (Network management device)

9/5,K/6 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

05869788 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Electronics Times: Java moves into consumer world**  
ELECTRONICS TIMES, p4  
June 21, 1999  
JOURNAL CODE: FETS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 347

Simple consumer devices including pagers and cellphones will be able to run Java software, thanks to the launch of a revised version of Sun Microsystems' Java virtual machine at the JavaOne conference.

Java's impact on the market for cost-sensitive consumer devices has been limited to date by the amount of memory it took to run the Java virtual machine code, the piece of software which interprets Java instructions for the host processor. Now Sun has announced a cut-down version, the K virtual machine (KVM), which can be implemented in less than 64Kbyte of memory.

Copyright 1999 Electronics Times. Source: World Reporter (Trade Mark)  
- FT McCarthy.

COMPANY NAMES: Sun Microsystems Inc  
DESCRIPTORS: New Products & Services; Marketing; Company News  
COUNTRY NAMES/CODES: United Kingdom (GB)  
REGIONS: Europe; European Union; Western Europe  
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Mike Clary, vice-president and general manager for consumer and embedded at **Sun**, said: The **KVM** demonstrates our deep commitment to delivering innovative technologies in response to the needs of consumer device manufacturers...

9/5,K/7 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

05822893 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Sun storms rebel camp with new Java**  
Prashanth Hebbar  
TIMES OF INDIA  
June 20, 1999  
JOURNAL CODE: WTIN LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 299

BANGALORE: In an attempt to snuff out Java rebels, Sun Microsystems Inc announced its comprehensive strategy for its programming language, Java, involving the release of three new editions of Java and a run-time Java Virtual Machine (JVM) for consumer appliances.

At its second annual Java conference JavaOne, underway in San Francisco, Sun launched its new Java Enterprise Edition, Java Standard Edition and Java Micro Edition aimed at developers working on enterprise systems, desktops and information appliances, respectively. The technical specifications have been posted on Sun's web site ([www.sun.com](http://www.sun.com)).

Copyright 1999 The Times of India. Bennett, Coleman & Co Ltd. Source :  
World Reporter

COMPANY NAMES: Sun Microsystems Inc  
DESCRIPTORS: Strategy; Company News; Patents Licensing & Standards; New Products & Services; Marketing

COUNTRY NAMES/CODES: United States of America (US) ; India (IN)  
REGIONS: Americas; North America; Pacific Rim; Asia; South Asia  
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... stripped-down version of JVM which will sit inside mobile phones, answering machines, microwave ovens, etc. With **KVM**, **Sun** seems to have solved a major portability problem for Java on consumer devices.

By segmenting Java technology...

9/5,K/8 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

05770598 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Motorola Expands Its Java(TM) Technology Strategy, Demonstrates K Virtual Machine on Pager**  
PR NEWswire  
June 16, 1999  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 591

JavaOne Features Latest Examples of Motorola's Growing Commitment to Java Technology

Copyright 1999 PR Newswire. Source: World Reporter (Trade Mark).

COMPANY NAMES: Motorola Inc  
COUNTRY NAMES/CODES: United States of America (US)  
REGIONS: Americas; North America; Pacific Rim  
SIC CODES/DESCRIPTIONS: 3663 (Radio & TV Communications Equipment)

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... expand opportunities for developers to create applications for low-power, low-memory embedded devices.

The cooperation with **Sun** on the **KVM** is one example of Motorola's commitment to Java(TM) technology. Motorola is showing at JavaOne a...

9/5,K/9 (Item 1 from file: 505)  
DIALOG(R)File 505:Asian Co. Profiles  
(c) 2002 FBR Bus Info Svcs. All rts. reserv.

00064267 FBR: 315P0237171

#### BRINCOM INC

2Fl 47 Pate Rd Section 3  
Panchiao, Taipei Hsien 220  
Taiwan

Telephone: 2-82571277  
FAX: 2-22503790  
E-Mail: sales@brincom.com.tw

#### COMPANY INFORMATION

-----  
This is a Single; Manufacturer Company

Industry: Electronic Products & Components  
Established Year: 1986  
Company Status: Private  
Employees: 25  
Issued Capital (US\$): 10000000  
IN-House Brand: Brincom

#### SIC PRODUCT INFORMATION

-----  
Code: 3357  
Description: Nonferrous metal wire and cable, drawn and insulated  
Activity: Manufacturer

Code: 3577  
Description: Computer peripheral equipment, nspf, and parts, nspf  
Activity: Manufacturer

Code: 3600  
Description: Electronic & Electric Equip.  
Activity: Manufacturer

Code: 3669  
Description: Other communications equipment, nspf, and parts, nspf  
Activity: Manufacturer

Code: 3699  
Description: Electrical equipment and supplies, nspf, and parts, nspf  
Activity: Manufacturer

Code: 5045  
Description: Computers Equip/Software  
Activity: Manufacturer

Code: 5065  
Description: Electronic Parts/Equip, NEC  
Activity: Manufacturer

#### HARMONIZED PRODUCT INFORMATION

-----  
Code: 8471801000  
Description: Control or adapter units for automatic data processing machines  
Activity: Manufacturer

Code: 8473  
Description: Parts etc for typewriters & other office machines computer accessories  
Activity: Manufacturer

Code: 8473300000  
Description: Parts and accessories for automatic data processing machines and units  
Activity: Manufacturer

Code: 8500  
Description: Electrical machinery & equip. & parts; telecommunications equip., soundrecorders, television recorders  
Activity: Manufacturer

Code: 8517903600  
Description: Printed circuit assemblies for telephonic switching or terminal apparatus (other than telephone sets)  
Activity: Manufacturer

Code: 8525102030  
Description: Cable and closed-circuit television converters, decoders, amplifiers, preamplifiers and couplers  
Activity: Manufacturer

Code: 8542  
Description: Electronic integrated circuits & microassembl, parts  
Activity: Manufacturer

Code: 8542500000  
Description: Electronic integrated circuits ,nesoi, and microassemblies



Activity: Manufacturer

Code: 8544

Description: Insulated wire, cable etc; opt sheath fib cables

Activity: Manufacturer

Code: 8544200000

Description: Insulated coaxial cable and coaxial electrical conductors

Activity: Manufacturer

Code: 9030400000

Description: Other instruments and apparatus, specially designed for telecommunications (for example, cross-talk meters, gain measuring instruments etc)

Activity: Manufacturer

#### PRODUCT SERVICE DESCRIPTION

Description: Hubs,

Activity: Manufacturer

Description: Networking products,

Activity: Manufacturer

Description: Computer accessories,

Activity: Manufacturer

Description: Data switch boxes,

Activity: Manufacturer

Description: Computer cables,

Activity: Manufacturer

Description: USB hubs,

Activity: Manufacturer

Description: I/O adapter cards,

Activity: Manufacturer

Description: USB network cables,

Activity: Manufacturer

Description: PCMCIA cardbus,

Activity: Manufacturer

Description: USB slim hubs,

Activity: Manufacturer

Description: External USB hub,

Activity: Manufacturer

Description: Internal USB hub,

Activity: Manufacturer

Description: USB 4-port hub,

Activity: Manufacturer

Description: USB internal hub card 4 ports,

Activity: Manufacturer

Description: Starter kits,

Activity: Manufacturer

Description: Docking systems,

Activity: Manufacturer

Description: Repeaters,

Activity: Manufacturer

Description: Printer cables,  
Activity: Manufacturer

Description: Voice communication equipment,  
Activity: Manufacturer

Description: Video converter,  
Activity: Manufacturer

Description: IEEE 1394 products,  
Activity: Manufacturer

Description: USB IrDA,  
Activity: Manufacturer

Description: USB adapters,  
Activity: Manufacturer

Description: KVM switches,  
Activity: Manufacturer

Description: USB KVM switches,  
Activity: Manufacturer

Description: KVM switch sharing device,  
Activity: Manufacturer

Description: Auto switches,  
Activity: Manufacturer

Description: Communication accessories,  
Activity: Manufacturer

Description: CPU switches,  
Activity: Manufacturer

Description: Splitters,  
Activity: Manufacturer

Description: USB dock,  
Activity: Manufacturer

Description: USB network products,  
Activity: Manufacturer

Description: Converters,  
Activity: Manufacturer

Description: PCI USB host cards,  
Activity: Manufacturer

Description: USB host cards,  
Activity: Manufacturer

Description: USB card reader,  
Activity: Manufacturer

Description: USB disk,  
Activity: Manufacturer

Description: USB link cable,  
Activity: Manufacturer

PRODUCT, TECHNOLOGY, SERVICE DESCRIPTION

-----  
...Enclosure

CIR100

USB IRDA Bridge Cable

CUK100N            USB PSII K/B x 2 adapter (for PC/MAC/ SUN )  
KVM switch & USB sharing device            KVM102            Compact siz  
e, 2 Ports

KVM104e            Compact size, 4 ports

KVM104            Desktop size...

9/5,K/10            (Item 2 from file: 505)  
DIALOG(R)File 505:Asian Co. Profiles  
(c) 2002 FBR Bus Info Svcs. All rts. reserv.

00048993            FBR: 315P0005243

#### REXTRON TECHNOLOGY (TAIWAN) INC

7Fl, 56 Nanking East Rd Section 4  
Taipei City, 105  
Sungshan Dist  
Taiwan

Telephone: 2-25790550  
FAX: 2-25790640  
E-Mail: rudyko@rextron.com

#### COMPANY INFORMATION

-----  
This is a    Subsidiary; Manufacturer Company

Industry:            Computer & Information Products  
Established Year: 1990  
Company Status:    Private  
Employees:           22  
Parent Company:           REXTRON TECHNOLOGY INC  
Parent Company Country: 601 USA

Issued Capital (US\$): 500000  
IN-House Brand:    Rextron

#### SIC PRODUCT INFORMATION

-----  
Code:            3577  
Description: Computer peripheral equipment, nspf, and parts, nspf  
Activity:           Manufacturer

Code:            7379  
Description: Computer Related Svcs, NEC  
Activity:           Service

#### HARMONIZED PRODUCT INFORMATION

-----  
Code:            8471  
Description: Automatic data process machines; magn reader, etc. computer  
hardware  
Activity:           Manufacturer  
Code:            9923  
Description: Computer related services, nec  
Activity:           Service

#### PRODUCT SERVICE DESCRIPTION

-----  
Description: Hard disk drives,  
Activity:           Manufacturer

Description: Network management,  
Activity:           Service

Description: Data switch boxes,  
Activity: Manufacturer

Description: Computer mouse,  
Activity: Manufacturer

Description: Computer monitors,  
Activity: Manufacturer

Description: Raid controllers,  
Activity: Manufacturer

PRODUCT, TECHNOLOGY, SERVICE DESCRIPTION

-----  
...work :

1. Manufacturing of computer and information products.
2. Accepts ODM/OEM orders.

Products also include :

- Integrated **KVM**
- **Sun KVM** Switch
- PSIZKVM Switch